

20000528.qrp v01_n835.qrl.20000528

Date: Sun, 28 May 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1835

QRP-L Digest 1835

Topics covered in this issue include:

- 1) [71208] SA612 availability...
by Mighty Mik <mitymik@wenet.net>
- 2) [71209] OT -- "broadcasting" question
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 3) [71210] RE: OT -- "broadcasting" question
by Rich Mulvey <mulveyr@iname.com>
- 4) [71211] RE: [FISTS] Extra vs Extra Lite
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 5) [71212] Three - half waves in phase for 15 meters
by Rick McKee <kc8aon@juno.com>
- 6) [71213] Re: Kits: DSW Production Interruption
by Jim Lowman <jmlowman@ix.netcom.com>
- 7) [71214] PARTS: SA612AN availability
by "Doug Hendricks" <ki6ds@hotmail.com>
- 8) [71215] MFJ Cub - Big Contest Station
by Jim Cluett <w1pid@yahoo.com>
- 9) [71216] Re: PARTS: SA612AN availability
by "John J. McDonough" <wb8rcr@arrl.net>
- 10) [71217] 9M8J Special Event...
by "Sly, 9M8SL" <cqsly@tm.net.my>
- 11) [71218] Re: Three - half waves in phase for 15 meters
by "Sly, 9M8SL" <cqsly@tm.net.my>
- 12) [71219] Re: Three - half waves in phase for 15 meters
by "Victor Blackwell" <victor@brecnet.com>
- 13) [71220] CQCQCQ de N8PVZ
by "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
- 14) [71221] Re: DK9SQ
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 15) [71222] Working in New Zealand
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 16) [71223] through hole parts shorage?
by Roy <marion@montana.com>
- 17) [71224] Re: Kits: DSW Production Interruption
by Rick Weber <weber@accenttech.com>
- 18) [71225] Re: Three - half waves in phase for 15 meters
by Steve Yates <aa5tb@yahoo.com>
- 19) [71226] Re: PARTS: SA612AN availability

- by "George Heron N2APB" <n2apb@erols.com>
- 20) [71227] FS QRP ZM-2 Tuner
by RangerSF5@aol.com
- 21) [71228] Hard to find through hole chips
by Charles Olson <jacksonharbor@worldnet.att.net>
- 22) [71229] Re: [FISTS] Extra vs Extra Lite
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [71230] PSK31-80m: Pre-mounted SM vs. DIY
by Russ Dow <n7dw@garlic.com>
- 24) [71231] FS: OHR-100 + TenTec-1330
by DaveLeDuc@aol.com
- 25) [71232] Re: through hole parts shorage?
by "Alan Fryer" <n3bj@hotmail.com>
- 26) [71233] Changes to Ham Radio...
by "Daniel" <hamop@pixi.com>
- 27) [71234] Internet Connection Sharing
by "Dan W. Dooley" <dandooley@pipeline.com>
- 28) [71235] K1 questions
by Edward Lawson <elawson@lawson-philpot.com>
- 29) [71236] Re: PSK31-80m: Pre-mounted SM vs. DIY
by "Chuck Carpenter" <w5usj@globeco.net>
- 30) [71237] Re: OHR DD-1 used with TT 509 & 515
by W1XV@cs.com
- 31) [71238] Re: REAL cost of a K-2
by "Victor Blackwell" <victor@brecnet.com>
- 32) [71239] RG-174 Question
by radioham@home.com
- 33) [71240] Re: REAL cost of a K-2
by "K3GM" <k3gm@home.com>
- 34) [71241] Re: REAL cost of a K-2
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [71242] Re: RG-174 Question
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [71243] Re: Kits: DSW Production Interruption
by "Dave Benson" <nn1g@earthlink.net>
- 37) [71244] Re: RG-174 Question
by Michael Neverdosky <mneverdosky@earthlink.net>
- 38) [71245] Re: [FISTS] Extra vs Extra Lite
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 39) [71246] Re: Web Ring
by "Tony Fishpool" <g4wif@btinternet.com>
- 40) [71247] upgrade
by Laura A Fisher <wlfisher@bellatlantic.net>
- 41) [71248] Harbor Freight goodies
by wb5qyt@eFortress.com
- 42) [71249] Wanted
by wb5qyt@eFortress.com
- 43) [71250] Re: upgrade

by Steve Yates <aa5tb@yahoo.com>
44) [71251] Re: RG-174 Question
by "Chuck Carpenter" <w5usj@globeco.net>
45) [71252] Re: DK9SQ
by Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
46) [71253] Re: REAL cost of a K-2
by AdamN7YA@aol.com
47) [71254] FS: Oak Hills 20m Explorer
by AA3BP@aol.com
48) [71255] Re: through hole parts shorage?
by "Paul Harden, NA5N" <na5n@rt66.com>
49) [71256] Novice Sub-band?
by dorn@freenet.edmonton.ab.ca
50) [71257] Elecraft K1
by Norm Melick <henmel@worldnet.att.net>
51) [71258] Re: RG-174 Question
by "Mike Yetsko" <myetsko@insydesw.com>
52) [71259] Re: Novice Sub-band?
by Al Patrick <arp@inet4u.com>
53) [71260] Re: Elecraft K1
by "Mike Yetsko" <myetsko@insydesw.com>
54) [71261] Fw: Changes to Ham Radio...
by Bill Ross <k6mgo@juno.com>
55) [71262] Re: Internet Connection Sharing
by "Dan W. Dooley" <dandooley@pipeline.com>
56) [71263] Re: [FISTS] Extra vs Extra Lite
by Wb8siw@aol.com
57) [71264] QRP-CW Freqs?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
58) [71265] Re: Elecraft K1
by Norm Melick <henmel@worldnet.att.net>
59) [71266] WM-1 vs WM-2
by N10DL@aol.com
60) [71267] Another K2 Success Story
by K5KW@aol.com
61) [71268] Wire/Rope Ant ... need help
by hamjoel@juno.com
62) [71269] OHR 30M kit, unbuilt - \$50.00
by Patrick Armstrong <aa7fg@gte.net>

Date: Sat, 27 May 2000 17:00:22 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [71208] SA612 availability...
Message-ID: <39306196.DE187DEC@wenet.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

PartMiner shows FUTURE Electronics has SA612AN and AD variants available in 1000+ lots @ \$1.25 EA. I hate when one of my favorite chips goes out of production. (if that's the case)

Date: Sat, 27 May 2000 19:06:46 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>, "'FPQRP'" <fpqrp@egroups.com>
Subject: [71209] OT -- "broadcasting" question
Message-ID: <000001bfc838\$9d6c0890\$943dc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am wanting to set up a video camera to monitor some wildlife activities. The camera will send video on 70cm to "no one in particular." It will have my callsign in the video. Can this be considered a "beacon" or is it considered "Broadcasting" and illegal?

Kevin

Date: Sat, 27 May 2000 20:15:19 -0400 (EDT)
From: Rich Mulvey <mulveyr@iname.com>
To: Kevin Muenzler WB5RUE <wb5rue@stic.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71210] RE: OT -- "broadcasting" question
Message-ID: <XFMail.000527201519.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 28-May-00 Kevin Muenzler WB5RUE wrote:

> I am wanting to set up a video camera to monitor some wildlife activities.
> The camera will send video on 70cm to "no one in particular." It will have
> my callsign in the video. Can this be considered a "beacon" or is it
> considered "Broadcasting" and illegal?
>

The FCC has historically interpreted "broadcasting" in the Amateur Radio regs as referring to transmissions whose primary audience is non-Amateur listeners.

Presumably, your use would be considered acceptable.

- Rich

Date: Sat, 27 May 2000 19:21:51 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <YoDoc@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [71211] RE: [FISTS] Extra vs Extra Lite
Message-ID: <000001bf83a\$b8f92fa0\$e33cc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

who's being politically correct? I'm just saying that longevity and/or license class doesn't make one a good ham or bad ham. There are idiots in all license classes and those who SHOULD NOT BE hams. Just look at QST, monthly there is at least one Extra who loses his license because he does something stupid. Yes I do agree, the "extra lite" is here because of lots of whining and moaning. BUT IT IS HERE, let's make the best of it by welcoming new hams without a jaded eye. What you are saying about making peace or nice is just what everyone said back when incentive licensing began. And you know something...ham radio survived! It will survive this too.

72/73

Kevin, WB5RUE

> Kevin:
>
> Sheez -- you're the last person I'd have expected to start spewing
> all the touchy-feely political correctness!
>
> As for me, I'm a better *AMATEUR* radio operator than any
> "Extra-Lite"
> without having to know anything about him/her. I see an "Extra-Lite"
> as a specific thing -- a ham who whined and cried over the code test
> requirements, and then eagerly upgraded to Microphone Jockey
> status as soon as Deconstructing took place. These are not CW users.
> New, CW-using hams who are on the CW bands, making QSO's and

> learning and growing within the amateur licensing structure available
 > to them are just fellow hams to me. It's the ones who whined past,
 > present, and future (about phone band expansion, for example) who
 > will carry the "-Lite" suffix and get the disrespect they deserve.
 > The FCC, the ARRL, and the ham publishers and equipment
 > manufacturers wanted a Balkanized ARS -- now it is here. I have
 > no motivation to "make peace," to "be nice" or to even be liked.
 > I don't see any future in ham radio, and in it's present dumbed-down
 > state, I don't believe it deserves to survive this experiment in
 > social engineering. All bets are off as far as I'm concerned. You're
 > either a CW user or a microphone loser!
 >
 > 73 de Larry, K3LT
 >
 >

 Date: Sat, 27 May 2000 20:31:45 EDT
 From: Rick McKee <kc8aon@juno.com>
 To: fpqrp@egroups.com, qrp-1@Lehigh.EDU, K4UJQ@InfoAve.net, kb8qek@home.com,
 anuelcaserta@webtv.net, ac4rq@yahoo.com, gcox1012@aol.com, wa4swf@foothills.net,
 tbear@zoomnet.net, Kleibe@anatel.gov.br, kz8j@aol.com, mmorr10133@aol.com,
 idocpr2@aol.com, candyh@inet99.net, kg4eab@zoomnet.net, KB8PIB@aol.com,
 Subject: [71212] Three - half waves in phase for 15 meters
 Message-ID: <20000527.203158.4423.0.kc8aon@juno.com>

Gang,

For a good multiband (10 thru 40 meters) antenna, try a 3 half waves
 in phase doublet for 15 meters. It is derived by using the formula for
 the G5RV, but substituting 21 Mhz in place of the usual 14 Mhz (I'll
 give the formulas below). The 3 half wave 15 meter doublet is almost
 exactly the same size as a conventional 40 meter dipole, so it works good
 from 40 on up, And exhibits some gain on the higher bands ! The formulas
 for the doublet are as follows: For the length of the flat top section
 use: $1428 / F \text{ Mhz} = \text{Length in feet}$, and for the matching section use:
 $468 / F \text{ Mhz} \times \text{velocity factor} = \text{lenght in feet}$. Note: you can also use
 balanced line all the way to the transmatch and cut down on feedline
 loss. Here are the dimensions of the 15 meter doublet. As always, try
 to get it as high as possible and try to get as much of the balanced
 matching stub as verticle as possible.

```

          34'                                34'
{{{}}-----{{{}}-----{{{}}}
                H
                H

```

H 22' of 450 ohm ladder line
H terminated with 75 ohm coax
H going to the transmatch
H or just use ladder line all the way.
H
[[[]]]=====[[[=

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

Date: Sat, 27 May 2000 17:34:07 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [71213] Re: Kits: DSW Production Interruption
Message-ID: <3930697F.863462CE@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is sad news, indeed. After receiving a hearty recommendation from "The Three Doctors" at Ft. Tuthill last year, Dave surely would have had plenty of us who wanted to buy one of the kits on the spot, had he brought that many along.

I happened to get lucky for once in my life, and managed to buy an unopened DSW-40 kit, with custom enclosure, from a member of this list today.

72 de Jim - AD6CW

Doug Hendricks wrote:

>
> Guys, I am saddened to see Dave Benson's announcement of the interruption of
> order taking for the DSW rig. It looks like the through hole parts crisis
> came a lot faster than we thought it would. Dave is making adjustments, and
> he will stay in business. Looks to me like we had better get used to those
> SM parts.
>
> The DSW was and is a fantastic radio. I hope that it continues in one form
> or another. Please let Dave know that you support his efforts, and
> encourage him to keep producing those great products.
>

> Speaking of great products. The PSK31 rig that was in this month's QST and
> I saw at Dayton is an amazing kit for the price. Check out Dave's webset
> for more details, or this month's issue of QST. I have exchanged emails
> with Dave, and sales are going nicely. Guys, get that check in the mail!!
> 72, Doug, KI6DS

Date: Sat, 27 May 2000 17:38:55 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71214] PARTS: SA612AN availability
Message-ID: <20000528003855.52131.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, I just went to the Future Electronics site, and yes they have the part listed for \$1.25 in 1000 lot quantities. But they also say "Call" where it says stock. That usually means that they are out of stock and will place an order. There is now a 52 week lead time on that part, according to two very reliable sources. I will call Future on Tuesday, but if I were a betting man, I would not be surprised to hear that they are "out of stock" and a "52 week lead time" on new stock.

Don't worry, NorCal has enough 602's for the project that we have in line that will use a through hole 602, but, I don't think that we will be designing any more through hole 602's or 612's in NorCal kits in the future.

I too, hope that Dave will go with a SMT DSW. He has two choices if he does. He can let us build it, or he can premount the chips, bypass and coupling caps, letting us do the rest. Since he is already premounting the DDS chip, it would make sense to premount the others. But, the problem is also with the DDS chip, remember, it had a 17 week lead time on it. Ahhh, the wonderful world of electronics.

The thing to remember about all of this is that hams are resourceful. We have crossed this bridge before. The first time when we went from point to point wiring to pc boards. Then, from tubes to transistors. Now, we are going to SM. We will find a way. Building is here to stay, and it is too much fun to not do it. Have a good weekend, Doug, KI6DS

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Date: Sat, 27 May 2000 17:48:29 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>

To: qrp-1@Lehigh.EDU
Subject: [71215] MFJ Cub - Big Contest Station
Message-ID: <20000528004829.23504.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I worked the WPX contest today with the Cub on 20 meters. I operated at three different times, but a total of one hour. I worked 32 stations with the cub. 11 countries.

I was out of town in the VW camper with a hamstick for part of my operating time. I made 6 contacts with a 20 meter hamstick in about 10 minutes. The 2-watt peanut's OK. 73 de Jim w1pid@arrl.net

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Sat, 27 May 2000 20:50:21 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71216] Re: PARTS: SA612AN availability
Message-ID: <000601bfc83e\$b5221320\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Doug Hendricks <ki6ds@hotmail.com>
Subject: PARTS: SA612AN availability

> Now, we are going to SM. We will find a way.

I was getting curious and also started hunting around. I noticed that RF Parts has SM resistor and cap kits a lot more reasonable than others I've seen. Looks like it's getting time to learn a new skill!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 28 May 2000 09:25:40 +0800
From: "Sly, 9M8SL" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71217] 9M8J Special Event...
Message-ID: <20000528012540.BIHN7134@user>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Not exactly qrp...just want to pass on a bit of DX info to the group.

I was given to understand that there will be a special event station at the Asia-Pacific Scouts' Jamboree 2000 with the special call (9M8J) this weekend from the 30 May to 4 June 2000, mostly local evenings this end.

Look for them on 10, 15, 20 and 40 meters, probably ssb only.
You'll never know, I might drop by and operate some qrp cw!, hee..

73 de Sly, 9M8SL
Borneo Island, East Malaysia.

Date: Sun, 28 May 2000 09:25:46 +0800
From: "Sly, 9M8SL" <cqsly@tm.net.my>
To: kc8aon@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71218] Re: Three - half waves in phase for 15 meters
Message-ID: <20000528012546.BIHP7134@user>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Rick,

Great post!!!

I think I'll try it, since 15 meters is opening till very late at night this end.

However, I can only get cheap 300 ohms flat TV ribbon here, much like the RS brown color type, but it's black or clear colored here.

What do you think would be a nice Velocity Factor of this particular cheap flat 300 ohms TV ribbon, 0.80, 0.82, 0.90 ????

>use: $1428 / F \text{ Mhz} = \text{Length in feet}$, and for the matching section use:
> $468 / F \text{ Mhz} \times \text{velocity factor} = \text{lenght in feet}$. Note: you can also use
>balanced line all the way to the transmatch and cut down on feedline
>loss. Here are the dimensions of the 15 meter doublet. As always, try
>to get it as high as possible and try to get as much of the balanced
>matching stub as verticle as possible.

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>
>                34'                                34'
>{{{}}-----{{{}}-----{{{}}
>
>                H
>                H
>                H  22' of 450 ohm ladder line
>                H  terminated with 75 ohm coax
>                H  going to the transmatch
>                H  or just use ladder line all the way.
>                H
>                [[]]=[[[=
```

Tks agn for all you antennas posts, I find it helpful...

72/3 de Sly, 9M8SL

Borneo Island, East Malaysia.

Date: Sat, 27 May 2000 21:51:13 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [71219] Re: Three - half waves in phase for 15 meters
Message-ID: <001401bfc847\$350ad9c0\$465730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry, this is not three half waves IN phase.

Vic AD8K

-----Original Message-----

From: Rick McKee <kc8aon@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, May 27, 2000 8:30 PM
Subject: Three - half waves in phase for 15 meters

>Gang,
>
> For a good multiband (10 thru 40 meters) antenna, try a 3 half waves
>in phase doublet for 15 meters. It is derived by using the formula for
>the G5RV, but substituting 21 Mhz in place of the usual 14 Mhz (I'll
>give the formulas below). The 3 half wave 15 meter doublet is almost
>exactly the same size as a conventional 40 meter dipole, so it works good
>from 40 on up, And exhibits some gain on the higher bands ! The formulas
>for the doublet are as follows: For the length of the flat top section
>use: $1428 / F \text{ Mhz} = \text{Length in feet}$, and for the matching section use:
> $468 / F \text{ Mhz} \times \text{velocity factor} = \text{lenght in feet}$. Note: you can also use
>balanced line all the way to the transmatch and cut down on feedline
>loss. Here are the dimensions of the 15 meter doublet. As always, try
>to get it as high as possible and try to get as much of the balanced
>matching stub as verticle as possible.

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>
>                34'                                34'
>{ }{ }{ }-----{ }{ }{ }-----{ }{ }{ }
>
>                                H
>                                H
>                                H   22' of 450 ohm ladder line
>                                H   terminated with 75 ohm coax
>                                H   going to the transmatch
>                                H   or just use ladder line all the way.
>                                H
>                                [ ]===== [ ]=
>
>
>73...Rick McKee KC8AON      { CW lives as long as I do ! }
>Willow Wood,Ohio           "oo's"
>AR QRP # 269      QRP-L # 2112      ZOMBIE # 718      FPqrp # 33
>TriState BrassPounders # 1

```

Date: Sat, 27 May 2000 21:49:50 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
To: qrp-l@lehigh.edu
Subject: [71220] CQCQCQ de N8PVZ
Message-ID: <4.2.2.20000527214702.00a27c40@mail.surf.free.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ran into problems tonite, and wasn't able to operate. Will try again Sunday
28 May 2000.

Hope to work you then(2300UTC - 0100 UTC).

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446
n8pvz@arrl.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Sat, 27 May 2000 22:17:14 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: w9zm@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [71221] Re: DK9SQ
Message-ID: <200005280217.WAA11077@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Which DK9SQ antenna are you wondering about??

There is the mast (not an antenna), loop for 40 - 10, and a trapped 80/40 dipole. Which are you interested in??

I also have a W7FG open wire fed doublet that works with the DK9SQ mast.

I picked up a copy of ELNEC at Dayton last weekend. When I get some time I will run some numbers on the antennas and let you know what I find out.

I can tell you that in CQWW CW two years ago I was working EA9 from upstate NY at 4 PM local time with 5 watts to the loop on 40 meters.... the loop does work.

> Has anyone done any testing on the performace of the
> DK9SQ vs other antennas? Any feed back is appreciated.
>
> Thanks in advance
>

> 73/72
> Duane, W9ZM
>
> -----
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> <http://invites.yahoo.com/>
>

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sun, 28 May 2000 12:56:27 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71222] Working in New Zealand
Message-ID: <39308ADB.AAD39B6@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

People,

Sorry for slightly off topic post but I do know this list comprises a lot of bright qualified people who might care to look at some interesting RF, DSP, embedded and network positions in New Zealand.

I was approached but have no interest at my age. I have no connection whatsoever and am only passing the information along as a service to the list (hopefully).

If interested contact me direct and I'll pass along the details.

Thanks for the tolerance

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Sat, 27 May 2000 21:06:32 +0000
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [71223] through hole parts shorage?
Message-ID: <4.3.2.20000527184610.00a6fe60@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I remember Wayne (you know, the K2 guy) saying there is not a shortage of through hole parts. I wish he would tell Doug Hendricks . He has been and continues to harp on this. Its not true. What is true is the demand for certain parts is so low that manufacturing is hard to justify, for both through hole and surface mount, unless you can come up with a big order. And the world we live in as QRP builders is probably as narrow of a demand window as you can find. The hobbyist parts source is the leavings from commercial enterprise. Part of all styles will come and go. So use what you can get, I personally stocked up on 602's, but some day they will be as obsolete as the tubes under my bench. 73 Roy AB7CE

Date: Sat, 27 May 2000 22:10:17 -0500
From: Rick Weber <weber@accenttech.com>
To: qrp-1@lehigh.edu, dave@smallwonderlabs.com
Subject: [71224] Re: Kits: DSW Production Interruption
Message-ID: <39308E05.C5339B30@accenttech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

As one of the "Fortunate 500" DSW owners, I can't thank Dave Benson enough for his contribution to the world of QRP. My DSW40 and DSW20 rigs were pure joy to build and are fantastic performers.

Crossing my fingers that the DSW (and also Calvin and Hobbes) will return someday.

72
Rick W9QZ

Date: Sat, 27 May 2000 20:56:59 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71225] Re: Three - half waves in phase for 15 meters
Message-ID: <20000528035659.9558.qmail@web3004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Rick,

Good idea and I know it will work great!

I thought I would pass along though the it is not 3 halfwave antennas in phase though. When halfwave antennas are connected directly end to end the current reverses in each halfwave section (out of phase). Your antenna will still have useful gain on 15m but the pattern will not be the same as 3 halfwaves in phase. It is probably better to think of it as a 1 1/2 wavelength center (current) fed long wire. On 15m there will be a four-leaf clover pattern with the main lobes about 50 degrees off of the axis of the wire. There will be a minor lobe broadside to the wire.
>From here in Texas I've had one lined up north and south that would work most of the major continents pretty well.

To make it 3 halfwaves in phase you could put 1/4 wave shorted stubs at the outer junctions of the halfwaves. This would give your broadside gain on 15m but would do strange things to your multiband performance.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Kick off your party with Yahoo! Invites.

<http://invites.yahoo.com/>

Date: Sun, 28 May 2000 00:07:42 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [71226] Re: PARTS: SA612AN availability
Message-ID: <009501bfc85a\$47b4b420\$6259accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup, the SA612 indeed has become a hard part to find. This is one of the devices that is holding up our new PSK31-80m project from full availability (and has plagued the SOP Receiver kit availability along the way too) ...

BUT there's good news, or at least partially. NJQRP has acquired a whole bunch of surface mount SA612 chips and we'll be respinning the PSK31-80m board (with NN1G) in order to make this project available. And we're ready to do the same for the next run of boards for the SOP receiver.

Whew! What a stroke of brilliance from Doug Hendricks and the NorCal club in their getting us ready for surface mount technology with the SMK-1 transceiver kit, and their forthcoming SMK-2 full-featured 10m surface mount transceiver kit coming this Fall. Here's one of the first major instances of a critical part no longer being easily available in a thru-hole package. Our beloved '612!

Anyway, Doug's prediction about the coming importance of surface mount technology even in our QRP ranks is starting to come true. But since we're getting some good training and exposure to the collective wisdom and experience of everyone on this list, and because of this training and preparedness it's likely to be only a small speed bump along the way.

We haven't made the decision yet as to whether we'll pre-mount the SMT version of the SA612 device in the PSK31-80m project and SOP receiver (taking longer to make available and perhaps more costly to provide), or maybe have the kit builder put this SMT device on the board with good instructions and experience from this list. We'll see. Opinions are welcomed.

72, George N2APB

=====
Guys, I just went to the Future Electronics site, and yes they have the part listed for \$1.25 in 1000 lot quantities. But they also say "Call" where it

says stock. That usually means that they are out of stock and will place an order. There is now a 52 week lead time on that part ...

[snip]

Date: Sun, 28 May 2000 00:27:36 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [71227] FS QRP ZM-2 Tuner
Message-ID: <11.4490b2a.2661fa38@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a ZM-2 tuner for sale.
This is NOT the one I built.
But I did remove both cores and rewound them, (Much neater and shorter leads)
Seems to work pretty much the same though.
\$35.00 plus \$3.50 Shipping.
Bob
WA2HOQrp <tm>

Date: Sun, 28 May 2000 05:22:52 +0000
From: Charles Olson <jacksonharbor@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [71228] Hard to find through hole chips
Message-ID: <20000528052251.YUR09011.mtiwmhc26.worldnet.att.net@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In reference to the scarcity of the SA612 mixer and AD9835 DDS chip, one web site that I've found valuable for locating chips is:

<http://www.findchips.com/>

Unlike some of the other sites, you don't have to register or download software - just type in the part you're interested in and it searches a bunch of distributors and surplus sites quickly.

Of course, you still have to know yourself that the SA602 is a possible substitute for the SA612 or that the AD9832 might be overclocked in place of an AD9835 - the site doesn't suggest alternatives. Also, you have to filter out incorrect part types with the same part number - other than that, I

really think it's a useful site.

Best Regards,

Chuck

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - Ham Radio Kits and more!
Washington Island, WI
jacksonharbor@att.net
<<http://jacksonharbor.home.att.net/>>

Date: Sat, 27 May 2000 23:08:00 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71229] Re: [FISTS] Extra vs Extra Lite
Message-ID: <000901bfc864\$a42f20a0\$4e48fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good attitude Kevin!! Like it or not? It doesn't matter. It's what is. Either make lemonade or get out. And on a hot summer day, I don't think anyone 'settles' for lemonade!

As to Mr "L"? (And I took his name and call off so he can be a nameless lid.) That attitude should have gone out of HAM radio a long time ago. It was destructive when that 'kind' of attitude showed up at the novice enhancement and technocode whining. (Gee, who were the REAL loud whiners? The people who constantly bemoan any and all changes.)

Sure, he's a better op!! It really shows in his post!

I honestly do feel that if there wasn't all this griping pro/con for years, the changes would have been made gradually, not with this shocker surprise. And if we don't all wake up and handle this constructively, guess what will be next? The CW allocations! And if we loose that, it will be because of the public displays of conflict and bickering like in the post that Kevin responded to.

If we want to protect our CW subbands, we have to act CONSTRUCTIVELY about it, make a plan, and handle it in a positive manner, not whining that it's 'dumbed down'. If HAM radio as a collective front continues with the 'second class' attitude towards the new classes, or the constant belittlement of those that didn't do it the 'way I did it' kind of thing, THOSE are the people to point the finger at for blame when the subbands get restructured.

And they WILL be restructured. It's just a matter of when. So start planning now. Be constructive, and show that CW deserves a place. Or be a whining little kid that trashes the unbelievers and threatens to drop out because it doesn't mean anything any more.

You know, I wonder... Up until just a few years ago, you had to be an Extra to be 'space based', although the FCC granted a waiver to astronauts EVERY SINGLE TIME it was requested. And yes, I know that Mr "L" is an extra, he's made sure we're all aware of that! But since the FCC doesn't require 'Extra', I wonder if we'll hear Extra Astronauts whining like "L" that unqualified operators will be degrading HAM radio from space?

then again... Maybe Mr "L" should just get out....

Mike

Kevin Wrote:

>who's being politically correct? I'm just saying that longevity and/or
>license class doesn't make one a good ham or bad ham. There are idiots in
>all license classes and those who SHOULD NOT BE hams. Just look at QST,
>monthly there is at least one Extra who loses his license because he does
>something stupid. Yes I do agree, the "extra lite" is here because of lots
>of whining and moaning. BUT IT IS HERE, let's make the best of it by
>welcoming new hams without a jaded eye. What you are saying about making
>peace or nice is just what everyone said back when incentive licensing
>began. And you know something...ham radio survived! It will survive this
>too.

>

>72/73

>

>Kevin, WB5RUE

>

>> Kevin:

>>

>> Sheez -- you're the last person I'd have expected to start spewing

>> all the touchy-feely political correctness!
>>
>> As for me, I'm a better *AMATEUR* radio operator than any
>> "Extra-Lite"
>> without having to know anything about him/her. I see an "Extra-Lite"
>> as a specific thing -- a ham who whined and cried over the code test
>> requirements, and then eagerly upgraded to Microphone Jockey
>> status as soon as Destructuring took place. These are not CW users.
>> New, CW-using hams who are on the CW bands, making QSO's and
>> learning and growing within the amateur licensing structure available
>> to them are just fellow hams to me. It's the ones who whined past,
>> present, and future (about phone band expansion, for example) who
>> will carry the "-Lite" suffix and get the disrespect they deserve.
>> The FCC, the ARRL, and the ham publishers and equipment
>> manufacturers wanted a Balkanized ARS -- now it is here. I have
>> no motivation to "make peace," to "be nice" or to even be liked.
>> I don't see any future in ham radio, and in it's present dumbed-down
>> state, I don't believe it deserves to survive this experiment in
>> social engineering. All bets are off as far as I'm concerned. You're
>> either a CW user or a microphone loser!
>>

Date: Sat, 27 May 2000 23:02:52 -0700
From: Russ Dow <n7dw@garlic.com>
To: n2apb@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [71230] PSK31-80m: Pre-mounted SM vs. DIY
Message-ID: <3930B68C.59CFDB70@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

My vote: Leave it to us.

73,
Russ N7DW

George Heron N2APB wrote:

We haven't made the decision yet as to whether we'll pre-mount the SMT version of the SA612 device in the PSK31-80m project and SOP receiver (taking longer to make available and perhaps more costly to provide), or maybe have the kit builder put this SMT device on the board with good instructions and experience from this list. We'll see. Opinions are welcomed.

72, George N2APB

Date: Sun, 28 May 2000 05:56:23 EDT
From: DaveLeDuc@aol.com
To: qrp-l@lehigh.edu
Subject: [71231] FS: OHR-100 + TenTec-1330
Message-ID: <7c.6187437.26624747@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Oak Hills OHR-100 and TenTec 1330 both in excellent condition.

\$50 each + shipping

Dave K1EPJ

Date: Sun, 28 May 2000 04:02:21 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [71232] Re: through hole parts shorage?
Message-ID: <20000528110221.61353.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

"there is not a shortage of
through hole parts."

"What is true is the demand for certain parts is so low that manufacturing is hard to justify, for both through hole and surface mount, unless you can come up with a big order."

Right on, Roy. As a buyer for GE for 20 years, I agree.

Alan, N3BJ

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Sun, 28 May 2000 01:30:07 -1000
From: "Daniel" <hamop@pixi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [71233] Changes to Ham Radio...
Message-ID: <200005281129.BAA00861@phoenix.pixi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Whether it's parts shortage, changing Rules and Regs, or rising prices on equipment, Ham Radio will live on as long as there are people willing to continue with this great hobby. This is something that a friend sent to me and I thought others here on the list would like it.

73's and Aloha,
Daniel
AH7MI

> This same conversation has been going on for
> 88 years, ever since 1912 when Hiram Percy Maxim was forced to give up
> his call, "SNY", move above 200 meters, and knuckle under to government
> regulation including a 5WPM Morse test.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> Then in 1919 they raised the Morse test to 10WPM.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> Throughout the 20's CW gradually replaced King Spark, and spark was
> eventually outlawed.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1923 they introduced something called "Amateur Extra First Grade"
> with special calls and privileges. The class was discontinued
> when only 6 people applied in 1926.

>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> Then in 1927 they reduced the license classes from two to only one
> class. Old "Second Grade" had to upgrade within one year, or go
> QRT.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1932 they changed it all again, dividing us up into Class A, B,
> and C, all with a 10WPM code test.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1936 they said there were too many new hams coming into the
> hobby, so they raised the Morse test speed to 13WPM.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In the early 50's they renamed everybody from A, B, or C to
> Advanced, General, or Conditional. They also introduced 3
> new license classes called Novice, and Technician at 5WPM, and
> Extra at 20WPM.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In the late 60's they invented something called Incentive Licensing.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1976 they quit requiring us to certify we had been on the air
> for 12 hours last year (for renewal). They also ended the
> Conditional license.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1991 they removed the Morse requirement for VHF/UHF-only
> licensees.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>
> In 2000 they changed Morse testing back to the 1912 requirement of
> 5WPM, and the number of classes to 3.
>
> "Ain't it awful what they've done to us?" is the cry.

...and Ham Radio will continue to live on.

Date: Sun, 28 May 2000 07:04:18 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [71234] Internet Connection Sharing
Message-ID: <012201bfc89c\$dea26020\$d281fea9@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks, really sorry to post such a far off topic query, but as it has been said before, this list is the centre of technical knowledge as far as I'm concerned.

So here goes. Anyone had any experience installing and running Internet Connection Sharing on a home computer network?

Please reply to me direct.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 28 May 2000 13:28:30 GMT
From: Edward Lawson <elawson@lawson-philpot.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71235] K1 questions
Message-ID: <20000528.13283000@work1.grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Can you order any two bands you want on an additional module such as=20
30M and 15M?

Fair to say it seems to be an updated Sierra in terms of circuitry?

Correct to believe it is not intended for frequent band changes the=20
way the
Sierra is?

Anyone know what circuitry it shares with the K2?

TIA

Ed Lawson

Date: Sun, 28 May 2000 07:19:55 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: <qrp-1@Lehigh.EDU>
Subject: [71236] Re: PSK31-80m: Pre-mounted SM vs. DIY
Message-ID: <3.0.2.32.20000528071955.007ef150@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

George,

My Vote: Pre-mount the ICs.

Those tiny little 8-plus legged things and such.

Old eyes and shaky hand, you know 8^)...

And/or offer an option with added cost.

>-----
>George Heron N2APB wrote:
>
>We haven't made the decision yet as to whether we'll pre-mount the SMT
>version of the SA612 device in the PSK31-80m project and SOP receiver
>(taking longer to make available and perhaps more costly to provide), or
>maybe have the kit builder put this SMT device on the board with good
>instructions and experience from this list. We'll see. Opinions are
>welcomed.

>
>72, George N2APB
>

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sun, 28 May 2000 08:36:27 EDT
From: W1XV@cs.com
To: qrp-l@lehigh.edu
Subject: [71237] Re: OHR DD-1 used with TT 509 & 515
Message-ID: <ee.5b3ab24.26626ccb@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone used the OHR DD-1 in conjunction with either
the Ten Tec 509 or 515? As I am not a technician, I'd like
to learn exactly where to tap into the 509 and 515. Any
help would be greatly appreciated. Please e-mail direct
so as not to clog the reflector. Tnx very much.
72/73 Brad W1XV QRP ARCI # 4505

Date: Sun, 28 May 2000 08:57:09 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: <hdeitz@ms.rose.cc.ok.us>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [71238] Re: REAL cost of a K-2
Message-ID: <001301bfc8a4\$3c805ba0\$4d5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would using this methodology prove a Kenwood TS-50 should cost \$3200?

Vic AD8K

Subject: REAL cost of a K-2

>I have been in the electronic manufacturing business world all of my life.

>I would like to open the eyes of those that do not understand added value
to
>a product. Please read the following.
>
>Elecraft K2 parts \$579.00
>SSB adapter \$ 79.00
>160 meter adapter \$ 29.00
>40 hours labor @ \$15.00/hr \$600.00
>8 hours labor @ time & a half \$180.00
>2 hours labor @ double time \$ 60.00
>Burn in 5 hrs @ 7.50 per hour \$ 37.50
>Insurance, shipping, handling \$ 40.00
>
>Total \$1574.50
>

Date: Sun, 28 May 2000 09:00:35 -0400
From: radioham@home.com
To: qrp-l@Lehigh.EDU
Subject: [71239] RG-174 Question
Message-ID: <3.0.6.32.20000528090035.007ac230@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Not that I'd probably ever do it, but how much power can you realistically
put through
RG-174? I've looked in several places, but they only talk about breakdown
voltage, not RF power (I'm sure the two are related, but I have no formula
to figure that out). I'm using a field dipole for 20 - 10 meters and may
put somewhat more than QRP levels through the feedline.

Thanks & 72/73,

Steve, N4EUK
Reston, VA

Date: Sun, 28 May 2000 09:36:26 -0400
From: "K3GM" <k3gm@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71240] Re: REAL cost of a K-2
Message-ID: <002001bfc8a9\$b9437fa0\$246e0c18@adubn1.nj.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You're estimate is probably low Vic, if Kenwood and the others didn't have half a million dollar auto insertion, and pick and place equipment.

Tom K3GM

> Would using this methodology prove a Kenwood TS-50 should cost \$3200?
>
> Vic AD8K
>
>
> Subject: REAL cost of a K-2
>
>
> >I have been in the electronic manufacturing business world all of my
life.
> >I would like to open the eyes of those that do not understand added value
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> >2 hours labor @ double time \$ 60.00
> >Burn in 5 hrs @ 7.50 per hour \$ 37.50
> >Insurance, shipping, handling \$ 40.00
> >
> >Total \$1574.50
> >
>
>

Date: Sun, 28 May 2000 09:33:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <victor@brechnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71241] Re: REAL cost of a K-2
Message-ID: <004801bfc8aa\$421485e0\$fa60fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, true, but remember, Kenwood buys hundreds of thousands of parts, where Elecraft buys thousands. And there's not just a parts quantity break, there's also the possibility of an actual design break, that with large quantity a part can be 'designed' to be custom for almost no overhead spread over many units and it may impact the price of parts a huge amount.

Also figure in quantity, the amount of labor is almost nothing. A machine can be programmed to 'auto insert'.

It's like a CD. There may be a \$10K-\$30K 'setupfee' on a CD, but after that they may be 25 cents. Or a mask uP. Many thousand dollar setup, then a fraction of cost of a programmable unit.

Yes, a TS-50, built the SAME WAY as a K2, might cost that much.

Mike

>Would using this methodology prove a Kenwood TS-50 should cost \$3200?
>
>Vic AD8K
>
>
>Subject: REAL cost of a K-2
>
>
>>I have been in the electronic manufacturing business world all of my life.
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>>SSB adapter \$ 79.00
>>160 meter adapter \$ 29.00
>>40 hours labor @ \$15.00/hr \$600.00
>>8 hours labor @ time & a half \$180.00
>>2 hours labor @ double time \$ 60.00
>>Burn in 5 hrs @ 7.50 per hour \$ 37.50
>>Insurance, shipping, handling \$ 40.00
>>
>>Total \$1574.50
>>
>

>
>

Date: Sun, 28 May 2000 09:39:39 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <radioham@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71242] Re: RG-174 Question
Message-ID: <004901bfc8aa\$43397de0\$fa60fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, there's a current limit, but you'd probably hit the breakdown voltage first.

Once you know the breakdown voltage, you can figure back to the peak RF.

But don't forget SWR!! If you have a 2:1 SWR, not only does that indicate you have a 2:1 ratio for impedance, but also on the feedline you will have voltage peaks and minimums (and current peaks and minimums as well) ALSO with a 2:1 ratio. So the higher the mismatch, the higher the voltage peaks can climb.

That 'burnt me' on my tuner. (No pun intended.) I have a little MFJ-901. It's rated 250W. But ONLY when it's a good match! I figured since I never kicked the Swan up over 75W out it should be fine. WRONG!! When my antenna (a long wire) got too reactive at certain frequencies, I arced over the tuner. I had to take it apart and carefully file the plates on the cap to take off the melted over aluminum from the arc. And this is something that once started, accelerates. As you now have a SMALLER gap and it arcs over easier where the plate is deformed!

Mike

>Not that I'd probably ever do it, but how much power can you realistically
>put through
>RG-174? I've looked in several places, but they only talk about breakdown
>voltage, not RF power (I'm sure the two are related, but I have no formula
>to figure that out). I'm using a field dipole for 20 - 10 meters and may
>put somewhat more than QRP levels through the feedline.
>

>Thanks & 72/73,
>
>Steve, N4EUK
>Reston, VA

Date: Sun, 28 May 2000 09:48:05 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <ki6ds@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71243] Re: Kits: DSW Production Interruption
Message-ID: <002601bfc8c4\$a2e009c0\$6369173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

As you might imagine, my e-mail in-box has gotten quite busy since I posted the DSW announcement about 24 hours ago! I've received many expressions of support, offers of help, and suggestions. I thank you all for these messages, and I've tried to answer each of them promptly.

To elaborate a little, here's the situation-

I currently have just enough DSW board assemblies to cover the existing backlog of orders. I am awaiting a shipment of AD9835 DDS ICs, and that is the most critical hangup. Over the last 6 months or so, the parts availability situation with distributors has gone from "in stock" to 3-4 weeks to 7-8 weeks to 17 weeks with the last order. As Doug points out, the SA612ANs are also becoming quite difficult to find in the quantities we small manufacturers need.

At the same time, the PSK31 project (June QST) is taking off like a rocket. As those of you who are patiently waiting for your DSWs are aware, I'm backlogged on shipping those! Between the demand for the new item and the difficulty in procuring parts for the DSW, something has to give (and preferably it's not my sanity). The decision to suspend DSW production is a bit easier to comprehend, if not appreciate, given both those considerations.

I now sufficient AD612ANs on hand or in transit to me to support my existing stock of PC boards and current orders/ I also have 2500 of the SMT version in transit to me, a hint of the future. That's the adjustment Doug alluded to. As for the DSW or a 'mutant' successor, I'm already having SMT parts

installed on that board- adding the SA612s and decoupling caps at the factory is not a major change. The DSW will be back in production as soon as 1) I have more AD9835s and 2) the flood of PSK orders subsides to where I can breathe!

A special thanks to Doug for helping keep this in perspective. :-)

73- Dave Benson, NN1G

-----Original Message-----

From: Doug Hendricks <ki6ds@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Saturday, May 27, 2000 10:21 AM

Subject: Kits: DSW Production Interruption

>Guys, I am saddened to see Dave Benson's announcement of the interruption of
>order taking for the DSW rig. It looks like the through hole parts crisis
>came a lot faster than we thought it would. Dave is making adjustments,
>and
>he will stay in business. Looks to me like we had better get used to those
>SM parts.

<snip>

Date: Sun, 28 May 2000 10:01:11 +0000

From: Michael Neverdosky <mneverdosky@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71244] Re: RG-174 Question

Message-ID: <3930E057.58F26281@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

> That 'burnt me' on my tuner. (No pun intended.) I have a little
> MFJ-901. It's rated 250W. But ONLY when it's a good match!
> I figured since I never kicked the Swan up over 75W out it should
> be fine. WRONG!! When my antenna (a long wire) got too
> reactive at certain frequencies, I arced over the tuner. I had to
> take it apart and carefully file the plates on the cap to take off
> the melted over aluminum from the arc. And this is something
> that once started, accelerates. As you now have a SMALLER

> gap and it arcs over easier where the plate is deformed!

Not only is the gap smaller but you have sharp points.
Sharp points will ionize the air more easily so that a lower
voltage will jump the gap.

I love my RF-1, I can tune up and check SWR without putting
significant power into the tuner. Much less risk of an arc.

: -)

michael N6CHV

Date: Sun, 28 May 2000 14:51:34 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [71245] Re: [FISTS] Extra vs Extra Lite
Message-ID: <000401bfc8ab\$d8a94d00\$8cfa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pulllllleeeeeeeeezzzzzzzzzzzzzzzz, take this stuff somewhere else or to each
other. This is now and has forever been an unwinable argument. If you guys
want to carry on with each other fine, take it off line and don't fill up
our mailboxes.
de Steve, W8SFF

Date: Sun, 28 May 2000 15:50:43 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [71246] Re: Web Ring
Message-ID: <002c01bfc8b4\$22317bc0\$b58001d5@p200>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can I encourage more QRP clubs and organisations to join the web ring. I've
had it in my mind for a while that a QRP web ring would be useful, but never
got round to doing much about it. Thom has done a splendid job in setting

this up.

Kind regards
Tony - G4WIF/K4WIF
GQRP club web dweeb

----- Original Message -----

From: <baltimoremd@baltimoremd.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, May 27, 2000 5:50 PM
Subject: Web Ring

> If you have a QRP oriented web page or site, please feel free to join the
> QRP Amateur Radio Web Ring.
>
> 'Structions for joining are at <http://www.min.net/~thom/qrp/>
>
> 73

Date: Sun, 28 May 2000 10:55:07 -0400
From: Laura A Fisher <wlfisher@bellatlantic.net>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [71247] upgrade
Message-ID: <3931334A.EB996119@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K2GVC just upgraded from Technichan+ to General 73's de K2GVC

Date: Sat, 27 May 2000 05:17:44 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71248] Harbor Freight goodies
Message-ID: <392FAED8.1A43@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Was just over to our local Harbor Freight Tool Co. and noticed two items that would be useful to us. One is a Magnifier with head strap for 2 bux, and the other is a gel cell/battery float charger for half price at 7.50. Sale is the 3rd and 4th of June.

72, Tom WB5QYT..."Have spud will travel!"

Date: Sat, 27 May 2000 05:19:39 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71249] Wanted
Message-ID: <392FAF4B.1AB4@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Looking for an unbuilt DSW-40 kit with case...YEP, I know this one is a long shot now!

72, Tom WB5QYT..."Have spud will travel!"

Date: Sun, 28 May 2000 08:27:03 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: wlfisher@bellatlantic.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71250] Re: upgrade
Message-ID: <20000528152703.28145.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Laura A Fisher <wlfisher@bellatlantic.net> wrote:
> K2GVC just upgraded from Technichan+ to General 73's
> de K2GVC

Congratulations! That step gives you the most new privileges of any upgrade I believe.

=====
73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Sun, 28 May 2000 11:14:11 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: radioham@home.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71251] Re: RG-174 Question
Message-ID: <3.0.2.32.20000528111411.007dcd90@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve and all,

>From the '99 handbook, chap 19-2

Using info for PE dielectric,

RG-58 = 1400 V RMS
RG-174 = 1100 V RMS

In another table:

Approx MATCHED power handling of RG-58 is 700 W at 7 MHz, 500 W at 14 MHz,
and 350 W at 30 MHz.

For RG-174 the power looks like a ratio of about 11/14ths.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sun, 28 May 2000 09:20:44 -0700
From: Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
To: w9zm@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71252] Re: DK9SQ

Message-ID: <4.3.1.0.20000528091838.02660970@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I use the mast to support a 1/4 40m vertical, using 16 seven foot radials. I feed it with twin lead through a 4:1 balun. With an antenna tuner, it tunes up on all bands 80-10. It compares nicely to my other favorite portable antenna, a 40m delta loop with one support. We worked 57 stations during QRPTTF with it.

72
Bruce N7CEE

Date: Sun, 28 May 2000 12:50:41 EDT
From: AdamN7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [71253] Re: REAL cost of a K-2
Message-ID: <3f.5586dff.2662a861@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/28/2000 5:57:44 AM Pacific Daylight Time, victor@brecnet.com writes:

<< Would using this methodology prove a Kenwood TS-50 should cost \$3200?
>>

Hmmm, im wondering if my C21 just jumped up in value!!! Ebay here i come, hi hi!!

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Sun, 28 May 2000 13:34:34 EDT
From: AA3BP@aol.com
To: qrp-1@lehigh.edu
Subject: [71254] FS: Oak Hills 20m Explorer
Message-ID: <b6.5b0b517.2662b2aa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have an Oak Hills Research 20m Explorer transceiver that is excess to my needs and I would like to find it a new home.

This rig has power out of about 1.5 watts at 13v. Cabinet is essentially as new with no scratches or dings. Great QSK with no thump. I made several contacts in this weekends CQ WPX so I know it is working.

To be objective, I must note that the negative of this rig is that the audio is not particularly strong. Requires good head phones.

Price: \$80 including shipping

E-mail me direct.

Jim, AA3BP
Mechanicsburg, PA

Date: Sun, 28 May 2000 12:15:40 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Roy <marion@montana.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71255] Re: through hole parts shorage?
Message-ID: <Pine.SUN.4.10.10005281138060.20913-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 27 May 2000, Roy wrote:

> I remember Wayne (you know, the K2 guy) saying there is not a shortage of
> through hole parts. I wish he would tell Doug Hendricks . He has been and
> continues to harp on this. Its not true. What is true is the demand for
> certain parts is so low that manufacturing is hard to justify, for both
> through hole and surface mount, unless you can come up with a big order.

Right on, Roy. Every QRPer must remember that the electronics industry is market driven, and right now, that market is 800-900 MHz cell phones and personal communications gadgets. The first cell phones (using thru hole parts) looked like a WWII command set for several hundred bucks. Now, they easily fit into a shirt pocket, \$100 or less, and run for hours off a couple of tiny 3V batteries. Which one would you buy today? No contest. The small size, small cost, and low battery drain is due to SMT, and that is clearly where the industry is today and will be from here on. These concerns *have* been expressed on this list by those of us who work regularly with trying to procure electronic parts, because we have seen

the same shortages in industry for several years ... and shortages of thru hole parts is becoming chronic at an exponential rate (most notably analog IC's; discrete components like resistors and capacitors haven't been highly effected yet). This is not an idle scare. And exactly why Dave Benson and NorCal have taken the lead in converting over to SMT components in their kits.

At the observatory where I work, we use hundreds of mainline thru-hole IC's in our system, many of which are no longer available. We have had to spend an alarming chunk of our annual budget procuring these parts while we still can. Many are now unobtainable - PERIOD. We now have the free world supply of these parts to keep the VLA/VLBA radio telescopes working for another 20 years, or so it seems :-). And I know that NASA, the Air Force, the Navy, JPL, etc. are all buying up these same parts for the same reason: to have long term supply of these parts to support the military, the space program, etc. THIS IS ANOTHER REASON why these parts are getting rare. If you are a parts vendor, would you rather sell a rare IC to a few hams, a few parts at a time, or all 3,000 left to NASA for a fat check? (Particularly if NASA spends a \$1 million with you a year!) Again, no contest.

It's not the end of the world for QRPers. Our old buddy, the 602/612, is a great chip for making a VFO/mixer easily, but hardly the only way to do business. In fact for the \$2-3 per SA612 thru-hole, you can make a VFO and mixer for the same cost winding a couple of toroids for a balanced mixer or other mixer scheme using discrete transistors or FET's. Sure, you might see it as a giant step backwards, but the performance will be the same, IF NOT BETTER, as anyone who built Jim K8IQY's 2N2/40 learned. Or go the otherway and learn to deal with SMT, as Dave Benson and NorCal have done for the hobby. Or build up a small stock of those IC's you like to work with NOW, while you can. QRPing and homebrewing is not dead or threatened ... it's a dynamic hobby and hams have always learned to use new technologies and SMT is very feasible, as the number of SMK-1's, DSP's, d PSK' and keyers testifies. It's a new era, and hey ... us hams are already in it as are a few kit vendors that had the foresight to begin using SMT components. The other vendors will all reach this realization before long and new and exciting QRP gear will continue to be available.

So hit those hamfests, stock up on a few of your favorite IC's, and don't forget about those 2N2222's (and hey, they're in SMT's now too!).

72, Paul NA5N

PS - On a recent phone call with a National Semiconductors applications engineer, he said the TWO IC's they will probably support as thru-hole for years to come are the LM324 op amps and the LM386 ... simply due to the HUGE volume of those still manufactured and sold as thru-hole. So work your new designs around those! They seem safe for awhile :-)

Date: Sun, 28 May 2000 12:26:05 -0600 (MDT)
From: dorn@freenet.edmonton.ab.ca
To: qrp-l@Lehigh.EDU
Subject: [71256] Novice Sub-band?
Message-ID: <Pine.A41.3.95.1000528121936.41314A-100000@fn2.freenet.edmonton.ab.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,

Forgive my ignorance, but could someone enlighten me as to the structure for the slow code portions of the HF bands? I'm not exactly clear about this given the new licensing system that requires a 5wpm only CW exam. Was/is the purpose of the novice portion to increase speed for the 13 wpm exam? In Canada it's still 12wpm for access to most HF bands (at least the last time I checked). I'm wondering how important it is to have a rig that covers the novice portion, given my rusty code.

Thanks,
Chris VE6RDC

Date: Sun, 28 May 2000 11:25:47 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71257] Elecraft K1
Message-ID: <393164AB.F1312126@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody know what is being used in the K1's receive mixer?

Norm/KQ6SD

Date: Sun, 28 May 2000 10:31:26 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mneverdosky@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-

1@Lehigh.EDU>
Subject: [71258] Re: RG-174 Question
Message-ID: <000201bfc8d2\$8db37920\$fa60fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Mike Yetzko wrote:

>
>> That 'burnt me' on my tuner. (No pun intended.) I have a little
>> MFJ-901. It's rated 250W. But ONLY when it's a good match!
>> I figured since I never kicked the Swan up over 75W out it should
>> be fine. WRONG!! When my antenna (a long wire) got too
>> reactive at certain frequencies, I arced over the tuner. I had to
>> take it apart and carefully file the plates on the cap to take off
>> the melted over aluminum from the arc. And this is something
>> that once started, accelerates. As you now have a SMALLER
>> gap and it arcs over easier where the plate is deformed!
>
>Not only is the gap smaller but you have sharp points.
>Sharp points will ionize the air more easily so that a lower
>voltage will jump the gap.
>
>I love my RF-1, I can tune up and check SWR without putting
>significant power into the tuner. Much less risk of an arc.
>
>:-)
>
>michael N6CHV

Sounds good!! But now I run a K2, and don't have to worry
much about 'arc over'.....

Yeah, the points... I heard that was the only thing Franklin got
wrong on his lightning rods.

It's STILL amazing how many people you can talk to with QRP!
Although I do have to admit, I'm finding more people with SSB
than CW on QRP. I don't mean I'm finding them running QRP,
I mean that I'm running the QRP rig. Running QRP mobile
seems to fascinate some foreign operators, especially former
eastern block HAMS.

Mike

Date: Sun, 28 May 2000 14:39:13 -0400
From: Al Patrick <arp@inet4u.com>
To: dorn@freenet.edmonton.ab.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [71259] Re: Novice Sub-band?
Message-ID: <393167D1.BE5D6FCF@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dorn@freenet.edmonton.ab.ca wrote:

> Hello,
> Forgive my ignorance, but could someone enlighten me as to the structure
> for the slow code portions of the HF bands? I'm not exactly clear about
> this given the new licensing system that requires a 5wpm only CW exam.
> Was/is the purpose of the novice portion to increase speed for the
> 13 wpm exam? In Canada it's still 12wpm for access to most HF bands (at
> least the last time I checked). I'm wondering how important it is to have
> a rig that covers the novice portion, given my rusty code.
>
> Thanks,
> Chris VE6RDC

And forgive mine if I'm wrong, but I believe your (our) privileges as a Novice are:

160 Meters -- NONE
80 Meters -- 3675 - 3725 khz CW ONLY!
40 Meters -- 7100 - 7150 khz CW ONLY!
30 NONE
20 NONE
17 NONE
15 Meters -- 21,100 - 21,200 khz CW ONLY!
10 Meters -- 28,100 -- 28,300 khz CW, RTTY & DATA
10 Meters -- 28,300 -- 28,500 khz CW, SSB & PHONE
6 Meters NONE
2 Meters NONE
1.25 Meters -- 222.0 -- 225.0 MHz 25 WATTS MAX PEP
CW, RTTY, data, MCW, test, phone & image
70 CM NONE
33 CM NONE
23 CM -- 1270 - 1295 MHz 5 WATTS MAX PEP out
CW, RTTY, data, MCW, test, phone & image

I'm SURE someone will correct me if I'm wrong, and that's what I want.

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"

Proof that one must love and hate, and the one is dependent upon the other, is evident from the venomous hatred of the right exhibited by the left!

Date: Sun, 28 May 2000 14:37:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <henmel@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71260] Re: Elecraft K1
Message-ID: <005001bfc8d3\$c5aa7300\$fa60fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Anybody know what is being used in the K1's receive mixer?

>

>Norm/KQ6SD

Have you checked the Elecraft web page? If they do what they did with the K2, they might have the manual downloadable. I know it would be a pain over anything but a fast modem (and probably even there, but if they have the manual on-line you could check that.

Mike

Date: Sun, 28 May 2000 11:52:54 -0700
From: Bill Ross <k6mgo@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [71261] Fw: Changes to Ham Radio...

Message-ID: <20000528.115254.-509717.10.k6mgo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Thanks, Daniel, for a very interesting history of ham radio's changes and progress(?). I will keep this one.

73/72

Bill K6MGO, Marina Del Rey, CA

----- Forwarded message -----

From: "Daniel" <hamop@pixi.com>

> This same conversation has been going on for
> 88 years, ever since 1912 when Hiram Percy Maxim was forced to give up
> his call, "SNY", move above 200 meters, and knuckle under to government

> regulation including a 5WPM Morse test.

>

> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>

> Then in 1919 they raised the Morse test to 10WPM.

>

> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>

> Throughout the 20's CW gradually replaced King Spark, and spark was
> eventually outlawed.

>

> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>

> In 1923 they introduced something called "Amateur Extra First Grade"
> with special calls and privileges. The class was discontinued
> when only 6 people applied in 1926.

>

> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>

> Then in 1927 they reduced the license classes from two to only one
> class. Old "Second Grade" had to upgrade within one year, or go
> QRT.

>

> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.

>

> In 1932 they changed it all again, dividing us up into Class A, B,
> and C, all with a 10WPM code test.

>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1936 they said there were too many new hams coming into the
> hobby, so they raised the Morse test speed to 13WPM.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In the early 50's they renamed everybody from A, B, or C to
> Advanced, General, or Conditional. They also introduced 3
> new license classes called Novice, and Technician at 5WPM, and
> Extra at 20WPM.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In the late 60's they invented something called Incentive Licensing.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1976 they quit requiring us to certify we had been on the air
> for 12 hours last year (for renewal). They also ended the
> Conditional license.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 1991 they removed the Morse requirement for VHF/UHF-only
> licensees.
>
> "Ain't it awful what they've done to us?" was the cry. But ham radio
> went on and flourished.
>
> In 2000 they changed Morse testing back to the 1912 requirement of
> 5WPM, and the number of classes to 3.
>
> "Ain't it awful what they've done to us?" is the cry.

...and Ham Radio will continue to live on.

Date: Sun, 28 May 2000 14:03:00 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [71262] Re: Internet Connection Sharing
Message-ID: <004301bfc8d7\$e234d3e0\$d281fea9@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi friends. I appreciate all of the private replies to this question but I realize now that I should have given more details at the start. That would have eliminated a lot of the clutter I'm getting.

I just went to DSL this week. That can eliminate those post recommending to me the advantages of moving away from "slow modem" access.

I already have a working Ethernet network. I'm running NT Server 4 on my server, 98 Second Edition on this machine (the one with DSL), and 98 on the laptop I'm trying to share Web access to. I know how to set one up. Know about hubs, NICs, etc.

No, I'm not running Linux. I have an interest in that for the future, but not now. Don't have the time for the learning curve, and too many other projects going at the moment.

I'm interested in how to set it up with the program/protocol called "Internet Connection Sharing" included with 98 SE. An alternative would be experience setting one up with WinRoute.

Thanks, and again sorry for the clutter on this list. Promise I won't make this a habit.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
 e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, May 28, 2000 7:04 AM
Subject: Internet Connection Sharing

> Folks, really sorry to post such a far off topic query, but as it has been
> said before, this list is the centre of technical knowledge as far as I'm
> concerned.

>
> So here goes. Anyone had any experience installing and running Internet
> Connection Sharing on a home computer network?
>
> Please reply to me direct.....
>
>
> Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
> May Goddes love blest ye alle
> SOC#198
> "Ancient Pistol, I do partly understand your meaning."
>

Date: Sun, 28 May 2000 15:38:00 EDT
From: Wb8siw@aol.com
To: myetsko@insydesw.com, qrp-1@lehigh.edu
Subject: [71263] Re: [FISTS] Extra vs Extra Lite
Message-ID: <be.47363d6.2662cf98@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 05/28/2000 1:25:42 AM Eastern Daylight Time,
myetsko@insydesw.com writes:

<< Be constructive, and show that CW
deserves a place. >>

Excellent attitude; and the only logical step to be taken at this point.
Whether we like it or not, restructuring is here to stay, and it profits no
one to spend time and energy worrying about those things we cannot change.

No, I'm not happy with the changes, however, I intend to NOT differentiate
between those that passed Extra or General "Lite" and those that passed the
more difficult exam. Furthermore, I intend to utilize every opportunity to
expose new radio amateurs to the fun, art, and utility of radiotelegraphy.

Let's not make the mistake of sewing the seeds of divisiveness and
dissension. If we do, we will only reap a whirlwind resulting in the demise
of Amateur Radio.

73, Jim WB8SIW

Date: Sun, 28 May 2000 13:42:20 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [71264] QRP-CW Freqs?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB72@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I have these calling freqs from an old list... but what are the "new"
QRP-CW freqs for the 10, 18 and 24 MHz bands? Also, are there any
corrections to this list? Appreciate your inputs.

QRP-CW FREQUENCIES

1810
3560
3710 (USA Novice)
7030 (EU)
7040
7110 (USA Novice)
10106??????
14060
18096??????
21060
21110 (USA Novice)
24896??????
28060
28110 (USA Novice)

73
Jay
W6CJ

Date: Sun, 28 May 2000 14:33:26 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71265] Re: Elecraft K1
Message-ID: <393190A6.7A771CCF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

> Have you checked the Elecraft web page?

Yes, hence the question.

Norm Melick

Date: Sun, 28 May 2000 18:11:45 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [71266] WM-1 vs WM-2
Message-ID: <5a.5c69b4a.2662f3a1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just purchased a WM-1 on e-bay and am wondering what the real difference is between the two. I plan on using this one for travel. Have the WM-2 at home and use it all the time.

BTW...guess I was smart to order another DSW for 20 meters. Have one for 30 and would never let this rig out of my hands. Best kit/rig I hve seen on the market for the \$\$\$'s yet. If they ever do come back on the market my order will in as soon as I hear...

Aron
N10DL
Bedford, NH

Date: Sun, 28 May 2000 18:18:36 EDT
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [71267] Another K2 Success Story
Message-ID: <11.44d3d3d.2662f53c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Greetin's, Gang, from Baja Kansas.

Just wanted the world to know that another non-technical type has succesfully completed construction of a K2 without a hitch. K2 Number 1141 fired right up, aligned in textbook fashion, and has been making those famous "mojo" contacts right and left (for example, an honest RST 599 report on 20 from Pittsburgh, PA).

Hey, if I can do it, *anyone* can!

72, and hope to work your station with the K2.

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is a sunny day".

Date: Sun, 28 May 2000 18:41:20 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [71268] Wire/Rope Ant ... need help
Message-ID: <20000528.184228.-139491.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

I been sittin down and thinking and doodling and I thunk up another way to get an antenna between two trees... it should point towards Japan, alaska, and places like that... way over there..

could someone run this on a computer program for me... I kneaux it's gonna work just don't kneaux how well.... :-)

antenna

height.... 30 feet.....Ground average.....pointed nw more or less

driven element... 122 ft center fed with 300 ohm twin lead.. 66 ft each side of center.... each side will have an egg insulator at 33 ft... with a quarter wave stub of 300 ohm twinlead cut for 14.1mhz.... (each side will be two half waves in phase on twenty meters...)

Directors (follow closely) four 31foot directors seperated by two feet of rope (to center them with the driven element) all stretched out in a row...single line...

The spacing from the driven to directors is 14 ft.

Reflectors... four... all in a row like the directors...each 35 ft long... with 33ft horizontal and one foot on each end hanging down and

seperated by an egg insulator.... (this is to keep spacing with driven element correct)

This will also be spaced 14 ft from the driven element.... that's point 2 wavelength

any help appreciated...

ke1la joel
in maine
just thinking...12 elements on twenty... ought to be great where ever
it's pointed... hee hee...should be able to milli watt dx with
that...

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 28 May 2000 15:52:18 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@lehigh.EDU
Subject: [71269] OHR 30M kit, unbuilt - \$50.00
Message-ID: <3931A322.127EEC90@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oak Hills Research Explorer 30M CW transceiver unassembled kit... \$50.00

Pat, AA7FG...

End of QRP-L Digest 1835

